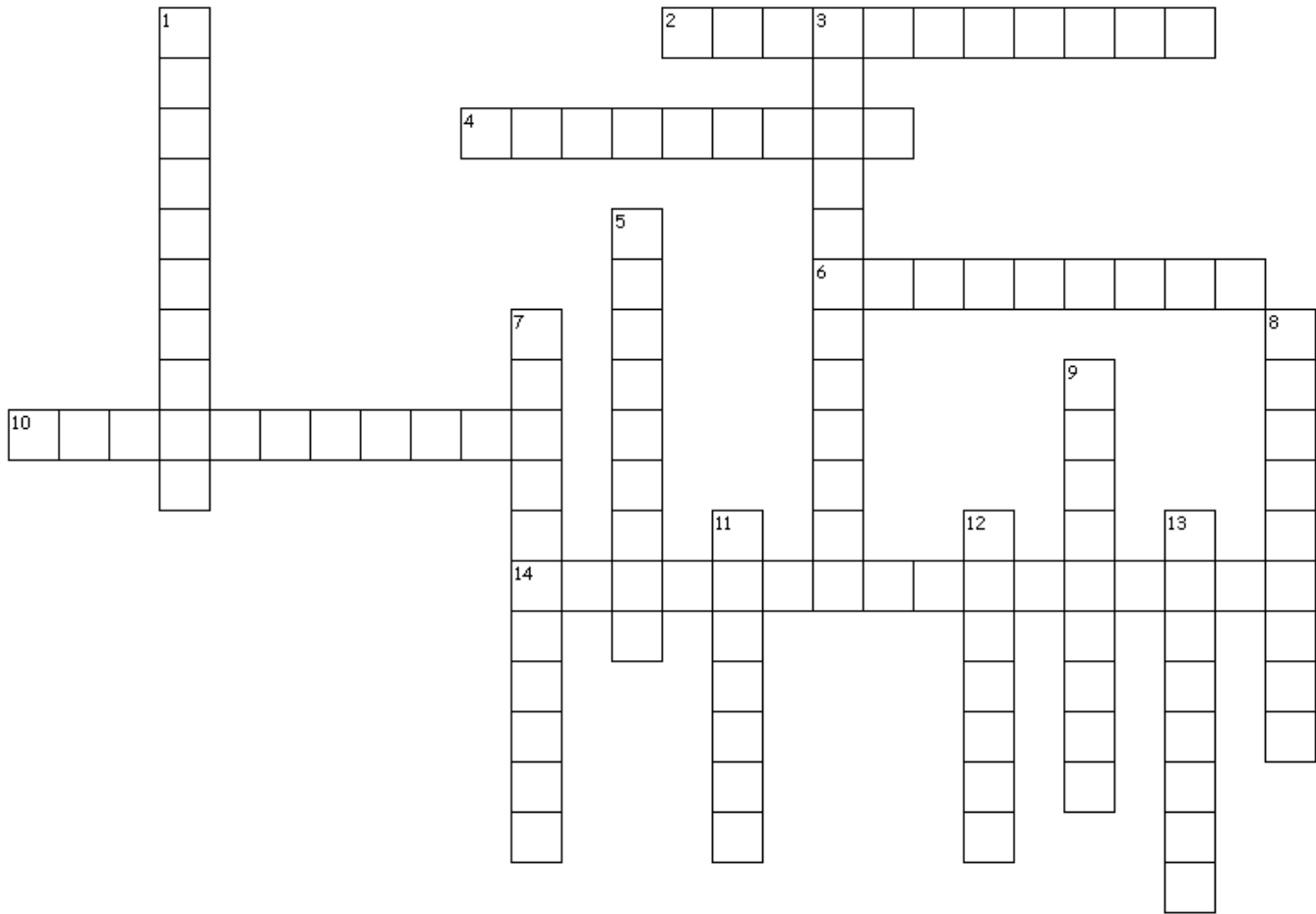




NH Volunteer River Assessment Program

General Ecology Crossword Puzzle



Words in this Puzzle

- ☐ Autotrophic
- ☐ Community
- ☐ Competition
- ☐ Consumers
- ☐ Decomposers
- ☐ Detritus
- ☐ Diversity
- ☐ Energy Flow
- ☐ Food Chain
- ☐ Food Web
- ☐ Habitat
- ☐ Predation
- ☐ Producers
- ☐ Productivity

Across

- 2.** Rivalry for the same limited resource(s) by two or more individuals or groups of individuals.
- 4.** An interaction during which one organism (predator) kills and consumes another (prey). Predation is usually used to describe an interaction between two animals, but herbivores can also be considered predators upon plants, and some specialized plants are predaceous on animals.
- 6.** All the living things that dwell interdependently in a particular place and share the available energy and resources.
- 10.** Produced by autotrophs. These are organisms that use energy from the sun or from the oxidation of inorganic substances to make organic molecules. They do not eat other organisms. Plants!
- 14.** Green plants and other autotrophs that are capable changing inorganic elements into organic tissues (food energy).

Down

- 1.** The passing of energy along a food chain between living things in an ecosystem. Some energy is lost, due to growth and maintenance, as the energy passes between trophic levels.
- 3.** A measure of the ability of an ecosystem to sustain life, including such factors as fertility, climatic conditions, and the available sunlight and water.
- 5.** A way of showing how nutrients and energy pass from producers through the various trophic levels in an ecosystem, such as from producers to herbivores, carnivores, and finally decomposers.
- 7.** Organisms (such as bacteria and fungi) that break down plant and animal remains into forms once again usable by producers.
- 8.** The variety, number, and distribution of species within a community.
- 9.** Organisms that cannot make their own food and must obtain energy by eating other living things.
- 11.** The kind of environment in which a certain organism normally lives.
- 12.** An integration of the many food chains existing in an ecosystem, showing the complex, interwoven pathways of energy flow between the organisms living in that environment.
- 13.** Dead plant, animal, and other organic matter.